

Summary Report for Individual Task
011-240-1025
[F] Perform Flight Mission Management
Status: Approved

Distribution Restriction: Approved for public release; distribution is unlimited.

Destruction Notice: None

Foreign Disclosure: FD5 - This product/publication has been reviewed by the product developers in coordination with the Fort Rucker foreign disclosure authority. This product is releasable to students from all requesting foreign countries without restrictions.

Condition: In a CH-47F helicopter with a FPN loaded. Some iterations of this task should be performed in MOPP 4.

Standard: 1. Load applicable mission data if available.2. Load FPN, manually or data loader unit (DLU).3. Confirm aircraft WT is entered accurately into the CAAS.4. Confirm elevations (as required).5. Confirm accurate coordinates.6. Confirm inertial navigation unit values (as required).7. Update navigation systems as required.8. Accurately determine fuel and PWR requirements by systematically updating the FD.9. Provide timely/accurate FD cues for the P*.10. Configure MFDs/sensors/mission aids to maximize terrain/threat avoidance.

Special Condition: None

Safety Risk: Low

MOPP 4: Sometimes

Task Statements

Cue: None

DANGER

None

WARNING

None

CAUTION

None

Remarks: None

Notes: None

Performance Steps

1. Crew actions.

- a. The PC will ensure all data is correctly entered into the FD. The PC will direct the use of sensors to maximize terrain/threat avoidance.
- b. The PC, when performing P* duties, will direct the PI to perform crew station mission manager functions as required.
- c. The P is considered the mission manager. The P will perform navigation system updates as required utilizing any available sensor.
- d. The P will update the FD as required to reflect accurate fuel/PWR/timing data.
- e. The P will make all data entries for FPN adjustment, FD cues, transponder and radio and navigational aids (NAVAIDs) frequency changes.

2. Procedures.

- a. Navigation and radio frequency information may be entered into the FD manually or through data transfer.
- b. The crew verifies accurate information by double-checking information displayed on the MFDs and CDUs with planning information.
- c. During flight, mission management tasks are completed as required.
- d. The aircraft state and status are continually monitored and adjusted by the mission manager.
- e. The mission manager navigates and verifies navigation system accuracy and ensures the aircraft remains on the established timeline as required.
- f. The FD solutions are evaluated and updated with accurate information.
- g. The P* is provided with timely information to adjust the aircraft state (speed, heading and altitude) to meet mission requirements.
- h. Aircraft sensors are utilized to update navigation systems, aid navigation and assist in terrain avoidance.

(Asterisks indicates a leader performance step.)

Evaluation Guidance:

Evaluation will be conducted in the aircraft.

Evaluation Preparation:

Training will be conducted in the aircraft or CH-47 TFPS.

PERFORMANCE MEASURES	GO	NO-GO	N/A
1. Loaded applicable mission data if available.			
2. Loaded FPN, manually or data loader unit (DLU).			
3. Confirmed aircraft WT is entered accurately into the CAAS.			
4. Confirmed elevations (as required).			
5. Confirmed accurate coordinates.			
6. Confirmed inertial navigation unit values (as required).			
7. Updated navigation systems as required.			
8. Accurately determined fuel and PWR requirements by systematically updating the FD.			
9. Provided timely/accurate FD cues for the P*.			
10. Configured MFDs/sensors/mission aids to maximize terrain/threat avoidance.			

Supporting Reference(s):

Step Number	Reference ID	Reference Name	Required	Primary
	TM 1-1520-240-10	OPERATOR'S MANUAL FOR ARMY CH-47D HELICOPTER (EIC: RCD) (THIS ITEM IS INCLUDED ON EM 0083)	No	No
	TM 1-1520-271-10	OPERATOR'S MANUAL FOR ARMY CH-47F HELICOPTER (EIC: RCH) https://www.logsa.army.mil	No	No
	TM 1-1520-271-CL	OPERATOR'S AND CREWMEMBER'S CHECKLIST ARMY MODEL CH-47F HELICOPTER	No	No
	TM 55-1520-240-CL	Operator and Crewmember Checklist, Army Model CH-47D	No	No

Environment: Environmental protection is not just the law but the right thing to do. It is a continual process and starts with deliberate planning. Always be alert to ways to protect our environment during training and missions. In doing so, you will contribute to the sustainment of our training resources while protecting people and the environment from harmful effects. Refer to FM 3-34.5 Environmental Considerations and GTA 05-08-002 ENVIRONMENTAL-RELATED RISK ASSESSMENT.

Safety: In a training environment, leaders must perform a risk assessment in accordance with ATP 5-19, Risk Management. Leaders will complete the current Deliberate Risk Assessment Worksheet in accordance with the TRADOC Safety Officer during the planning and completion of each task and sub-task by assessing mission, enemy, terrain and weather, troops and support available-time available and civil considerations, (METT-TC). Note: During MOPP training, leaders must ensure personnel are monitored for potential heat injury. Local policies and procedures must be followed during times of increased heat category in order to avoid heat related injury. Consider the MOPP work/rest cycles and water replacement guidelines IAW FM 3-11.4, Multiservice Tactics, Techniques, and Procedures for Nuclear, Biological, and Chemical (NBC) Protection, FM 3-11.5, Multiservice Tactics, Techniques, and Procedures for Chemical, Biological, Radiological, and Nuclear Decontamination.

Prerequisite Individual Tasks : None

Supporting Individual Tasks : None

Supported Individual Tasks : None

Supported Collective Tasks : None